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<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
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L2: Entry 1 of 3

File: PGPB

Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030175369

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030175369 A1

TITLE: Natural moths repellent compositions

PUBLICATION-DATE: September 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Khazan-Enache, Donna	North Brunswick	NJ	US	

US-CL-CURRENT: 424/739; 424/745, 424/747, 424/770, 424/778

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KNOC
Draw. Desc	Image										

☐ 2. Document ID: US 20030024997 A1

L2: Entry 2 of 3

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030024997

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030024997 A1

TITLE: Air freshening compositions, articles comprising same and methods

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Welch, Robert Gary	Mason	OH	US	
Dihora, Jiten Odhavji	Hamilton	OH	US	
Wahl, Errol Hoffman	Cincinnati	OH	US	
Downey, Lynn Ellen	Milford	OH	US	
Gabriel, Steven Matthew	Cincinnati	OH	US	
Heist, Brent Michael	Cincinnati	OH	US	
Trinh, Toan	Maineville	OH	US	
Liu, Zaiyou	West Chester	OH	US	
Finley, Kristin Marie	Cincinnati	OH	US	

US-CL-CURRENT: 239/53; 422/305, 422/4, 512/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 3. Document ID: US 6534079 B1

L2: Entry 3 of 3

File: USPT

Mar 18, 2003

US-PAT-NO: 6534079

DOCUMENT-IDENTIFIER: US 6534079 B1

TITLE: Passive space insect repellent strip

DATE-ISSUED: March 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Munagavalasa; Murthy S.	Racine	WI		

US-CL-CURRENT: 424/409; 424/411, 514/531

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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Term	Documents
CLOSET	11548
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L13: Entry 1 of 1

File: USPT

Mar 18, 2003

DOCUMENT-IDENTIFIER: US 6534079 B1

TITLE: Passive space insect repellent strip

US Patent No. (1):
6534079

Brief Summary Text (24):

Transfluthrin (also called Bayothrin or NAK 4455) has high potency against mosquitoes, flies, cockroaches, and moths. The chemical name of transfluthrin is (IR-trans)-(2,3,5,6-tetrafluorophenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethyl cyclopropane carboxylate. Its extremely rapid knock-down property, even at very low concentrations and application rates, makes this chemical particularly suitable for passive evaporation technology. Unlike the prior art, passive evaporation technology in accordance with the present invention effectively controls flying insects even though it only utilizes non-augmented or insignificant natural air movements and diffusion as a means of releasing effective levels of active to provide the desirable repellency effect. The present invention provides the appropriate combination of substrate, solvent, and coating density that gives optimal efficacy at minimal cost. Specifically, the present invention teaches (a) that some materials are better than others for use as the substrate due to their physical and chemical resistance to the active, (b) that non-absorbing substrates release active more uniformly than absorbing substrates, (c) that carrier solvents with low Hansen hydrogen bonding and dispersive parameters and low volatility improve repellent strip efficacy, and (d) that biological efficacy remains substantially constant over time when the coating density lies in a certain range.

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<u>L13</u>	L12 and "moths"	1	<u>L13</u>
<u>L12</u>	6534079.pn.	2	<u>L12</u>
<u>L11</u>	L10 and "moths"	0	<u>L11</u>
<u>L10</u>	5556881.pn.	2	<u>L10</u>
<u>L9</u>	L8 and "moths"	0	<u>L9</u>
<u>L8</u>	4379168.pn.	2	<u>L8</u>
<u>L7</u>	L6 and "moths"	0	<u>L7</u>
<u>L6</u>	3227609.pn.	4	<u>L6</u>
<u>L5</u>	l2 and "oils"	3	<u>L5</u>
<u>L4</u>	L3 and "slow release"	250	<u>L4</u>
<u>L3</u>	l1 and "oils"	250	<u>L3</u>
<u>L2</u>	L1 and "closet"	3	<u>L2</u>
<u>L1</u>	"moths" and "slow release"	306	<u>L1</u>

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Term	Documents
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MOTH	6233
(12 AND MOTHS).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	1
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